

Stable microdispersions and microgels based on acrylic polymers, method for obtaining them and compositions, particularly cosmetic compositions, containing them

Publication number: FR2710646

Publication date: 1995-04-07

Inventor: ANNIE KUENTZ; HENRI-GERARD RIESS; ALAIN MEYBECK; JEAN-FRANCOIS TRANCHANT

Applicant: LVMH RECH (FR)

Classification:

- international: **A61K8/72; A61K8/00; A61K8/02; A61K8/04; A61K8/31; A61K8/34; A61K8/35; A61K8/37; A61K8/81; A61K8/90; A61Q3/02; C08F2/04; C08F2/08; C08F20/10; C08F120/12; C08F285/00; C08F287/00; C08L33/06; C08L101/00; C09D151/00; A61K8/00; A61K8/02; A61K8/04; A61K8/30; A61K8/72; A61Q3/02; C08F2/04; C08F20/00; C08F120/00; C08F285/00; C08F287/00; C08L33/00; C08L101/00; C09D151/00; (IPC1-7): C08F20/18; A61K7/043; C08F2/08; C08J3/11**

- European: A61K8/02; A61K8/04C; A61K8/90; A61Q3/02; C08F2/08; C08F287/00; C09D151/00C

Application number: FR19930011705 19931001

Priority number(s): FR19930011705 19931001

Also published as:

 WO9509874 (A1)
 EP0721472 (A1)
 US5711940 (A1)
 EP0721472 (A0)
 EP0721472 (B1)

[Report a data error here](#)

Abstract not available for FR2710646

Abstract of corresponding document: **US5711940**

PCT No. PCT/FR94/01145 Sec. 371 Date Jun. 12, 1996 Sec. 102(e) Date Jun. 12, 1996 PCT Filed Sep. 30, 1994 PCT Pub. No. WO95/09874 PCT Pub. Date Apr. 13, 1995 The invention relates to a process for the preparation of a stable microdispersion of particles comprised of acrylic polymers in an organic solvent used as reaction medium in the presence of a stabilizing agent comprised of a block copolymer, characterized in that said acrylic polymer is obtained by radical polymerization of at least one acrylic monomer in the presence of a block copolymer based on polymethyl methacrylate (PMMA) and polytert-butyl acrylate (PtBuA). It also relates to microdispersions which may be obtained by said process as well as to microgels produced from said microdispersions and compositions, particularly cosmetic compositions such as nail varnish.

.....
Data supplied from the **esp@cenet** database - Worldwide